



EUROPEAN SEARCH REPORT

 Application Number
EP 14 00 2203

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2008/156844 A1 (BRAGANZA AUSTIN RAYMOND SAVIO [US] ET AL) 3 July 2008 (2008-07-03) * paragraph [0003] * * paragraph [0007] - paragraph [0016] * * paragraph [0042] - paragraph [0052] * * paragraph [0062] * * figures *	1-5	INV. B25C5/16
X	US 2004/164120 A1 (BOSWINKEL ONNO [US] ET AL) 26 August 2004 (2004-08-26) * paragraph [0001] * * paragraph [0010] * * paragraph [0020] * * claims 1, 4 * * figures *	1-5	
X	DE 20 2012 100727 U1 (APEX MFG CO [TW]) 3 April 2012 (2012-04-03) * paragraph [0001] * * paragraph [0004] - paragraph [0007] * * paragraph [0023] - paragraph [0025] * * claims; figures *	1-5	TECHNICAL FIELDS SEARCHED (IPC)
X	US 2002/108996 A1 (CORNETT ROGER DENNIS [US] ET AL) 15 August 2002 (2002-08-15) * paragraph [0002] * * paragraph [0007] - paragraph [0008] * * paragraph [0031] - paragraph [0039] * * paragraph [0051] * * paragraph [0054] * * figures *	1-5	B25C
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 March 2015	Examiner van Woerden, N
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03.02 (P04C01)



EUROPEAN SEARCH REPORT

Application Number
EP 14 00 2203

5

10

15

20

25

30

35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 1 350 605 A2 (MANGONE PETER G JR [US]) 8 October 2003 (2003-10-08) * paragraph [0001] * * paragraph [0013] - paragraph [0014] * * paragraph [0033] - paragraph [0035] * * paragraph [0039] * * figures *	1-5	
A	US 4 763 824 A (EBIHARA YOSHIYUKI [JP]) 16 August 1988 (1988-08-16) * the whole document *	1-5	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 11 March 2015	Examiner van Woerden, N
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

1

EPO FORM 1503 03 02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 00 2203

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

11-03-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2008156844 A1	03-07-2008	NONE	
US 2004164120 A1	26-08-2004	CA 2458049 A1 US 2004164120 A1 US 2005121492 A1 US 2008099529 A1	25-08-2004 26-08-2004 09-06-2005 01-05-2008
DE 202012100727 U1	03-04-2012	DE 202012100727 U1 TW 201328829 A US 2013181028 A1	03-04-2012 16-07-2013 18-07-2013
US 2002108996 A1	15-08-2002	NONE	
EP 1350605 A2	08-10-2003	AT 388791 T BR 0300708 A DE 60319619 T2 EP 1350605 A2 US 6481612 B1	15-03-2008 08-09-2004 02-04-2009 08-10-2003 19-11-2002
US 4763824 A	16-08-1988	DE 3720118 A1 FR 2602707 A1 GB 2193920 A IT 1211717 B JP S6347076 A NL 8701896 A US 4763824 A	25-02-1988 19-02-1988 24-02-1988 03-11-1989 27-02-1988 01-03-1988 16-08-1988